

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:
MATRIX ENERGY, LLC
FOR DETERMINATION OF
RETAIL ELECTRIC SUPPLIER

CASE NO. 2003-00228

2003-00228

**DATA REQUESTS BY
MATRIX ENERGY, LLC TO KENTUCKY POWER,
D/B/A AMERICAN ELECTRIC POWER**

Matrix Energy, LLC, by counsel, hereby propounds the following data requests to
Kentucky Power D/B/A American Electric Power.

Definitions

For purposes of these data requests "EKP" shall mean East Kentucky Power Cooperative,
Inc.

For purposes of these data requests, "Big Sandy" shall mean Big Sandy Rural Electric
Cooperative Corporation.

For purposes of these data requests, "Matrix" shall mean Matrix Energy, LLC, and the
"Matrix Mine" shall mean the mine to be developed by Matrix that is the subject of this
proceeding.

For purposes of these data requests, "AEP" shall mean Kentucky Power D/B/A American
Electric Power.

Data Requests

1. Please state whether power to the Matrix Mine could be provided by AEP utilizing the
existing tap and high voltage meter presently existing at the Pevler station owned by Czar
and located on the Czar mine site so that the Matrix Mine shaft and portal can be served
with 34.5 kV voltage. If so, please state the total cost to AEP of providing service to the

Matrix Mine site utilizing the Pevler station and the costs that would be charged to Matrix.

2. Assuming AEP is authorized to serve the Matrix Mine, please provide the estimated cost to Matrix to construct a substation adjacent to AEP's 69kV transmission line and a 1.6 mile distribution line to the Matrix Mine portal and shaft, so that Matrix can serve its mine with 34.5 kV voltage, including any costs to Matrix to tap onto AEP's transmission line.
3. Assuming AEP is authorized to serve the Matrix Mine, please state whether AEP will allow Matrix to construct and own the substation adjacent to AEP's 69kV transmission line and a 1.6 mile distribution line to the Matrix Mine portal and shaft, so that Matrix can serve its mine with 34.5 kV voltage, and the total cost to Matrix to tap onto AEP's transmission line.
4. Based on Matrix' estimate that it will be using, on a monthly basis, 3000 kw, an energy charge of 401.04 and a fuel factor of 401.04, what would Matrix' monthly electric charge if service is provided by AEP, and explain how this monthly charge was determined. Please state whether any of these charges have a monthly minimum.
5. Please state whether AEP has provided electric power to individuals and/or entities conducting mining operations on the property identified as the Czar mining site on the map identified as Matrix Exhibit D. If so, please identify the customers served on the Czar mining site and the dates of service, and whether the central distribution point for this service was the Pevler station.
6. On a map of suitable scale, please identify or illustrate the location of the central distribution point (Pevler Station) for power to the mining operations, conveyor belt, and

preparation plant on the Czar mining site, the proposed location of the substation adjacent to AEP's 69kV line and the distribution lines to the Matrix Mine portal and shaft.

7. Please state whether AEP would be able to provide permanent electric service to the Matrix Mine and the voltage that it could provide, as well as the date when said service could be provided under both options as described in request No. 1 and request no. 2. above.
8. Please state whether AEP would require the payment of a deposit by Matrix in the event that AEP provides the power service to the Matrix Mine.
9. Please state whether AEP has ever received written or verbal authorization from Big Sandy to provide service within the certified territory of Big Sandy. If so, please provide the dates when such authorization was given, the manner in which authorization was given, and the customer involved in such service. If the authorization was in writing, please provide copies of the documents memorializing such authorization.
10. Based on your understanding of the power demands of the Matrix Mine project, please state what AEP believes is the most cost effective and reliable power source for this project, the location of the power source and explain in detail the facts supporting your answer.

Respectfully submitted,



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Certificate of Service

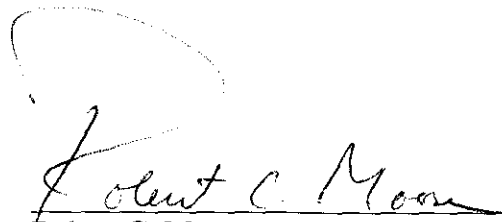
I hereby certify that a copy of the foregoing was served by United States First Class Mail, postage prepaid, on this 7th day of November, 2003 upon:

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